

ABSTRACT OF THE DISCLOSURE

A planographic printing plate precursor includes a photosensitive layer obtained by coating and drying on a support a photosensitive layer coating solution formed of a photosensitive composition, which contains a cyanine dye represented by general formula (I) below and a polymer insoluble in water and soluble in an aqueous alkali solution, dissolved or dispersed in a solvent system containing 80% by weight or more of a solvent having a boiling point lower than 100°C in a solvent having a boiling point lower than 200°C; wherein a solubility in an aqueous alkali solution of the photosensitive layer is increased by exposure to an infrared laser.

